

# Acupuncture in dogs:

## GV-26 point in post anesthetic recovery

### Joaquim Morales Arasa

Final degree project, June 2018

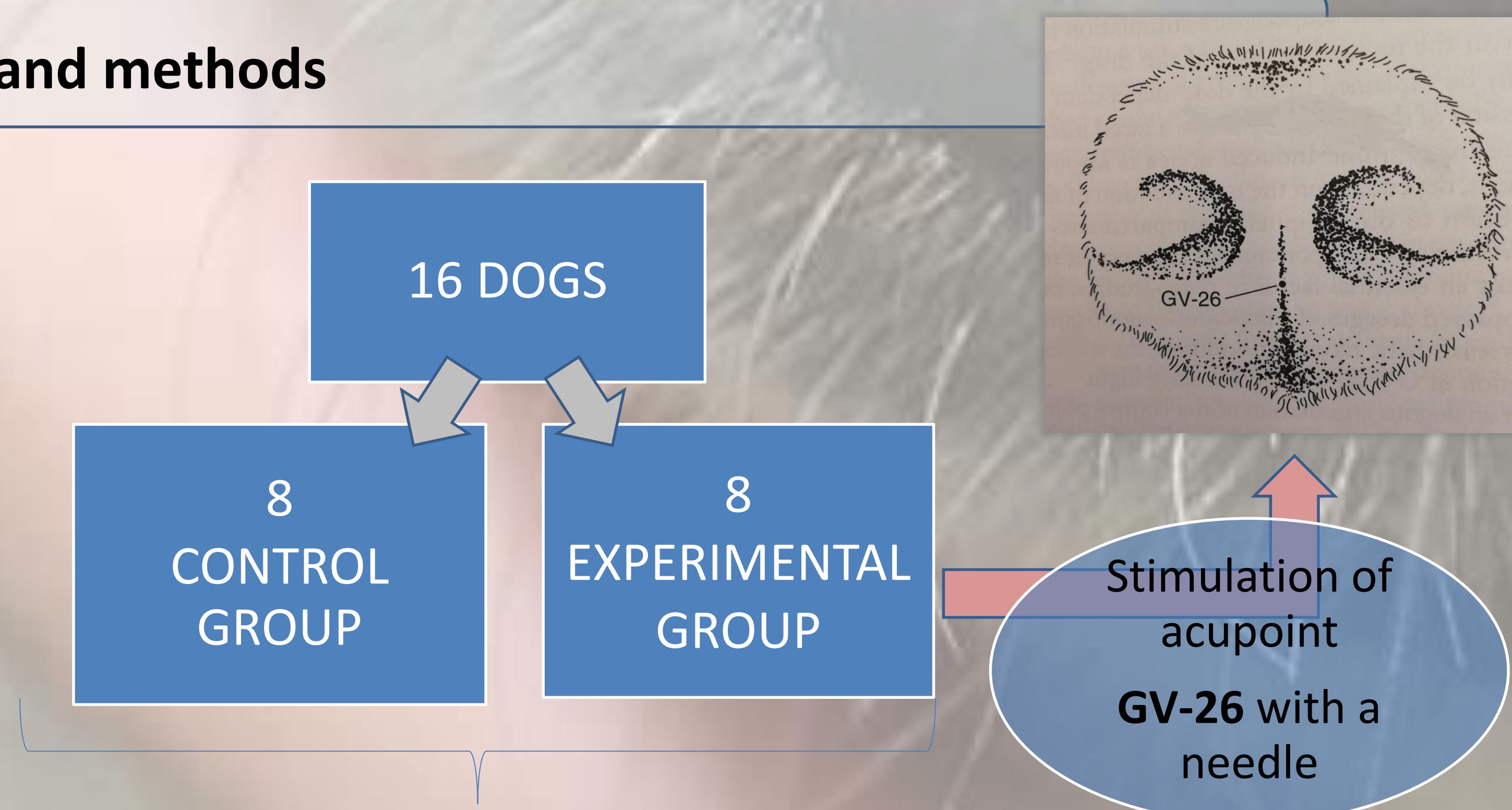
#### Introduction

**Acupuncture** is a modality of Chinese traditional medicine which involves the use of solid extremely fine **needles** to diagnose, treat and prevent disease by stimulating the body's own ability to **heal**.

#### Objective

To confirm if the application of a needle in **acupoint GV-26** upon completion of surgery can be useful to improve **post anesthetic recovery** in dogs.

#### Material and methods



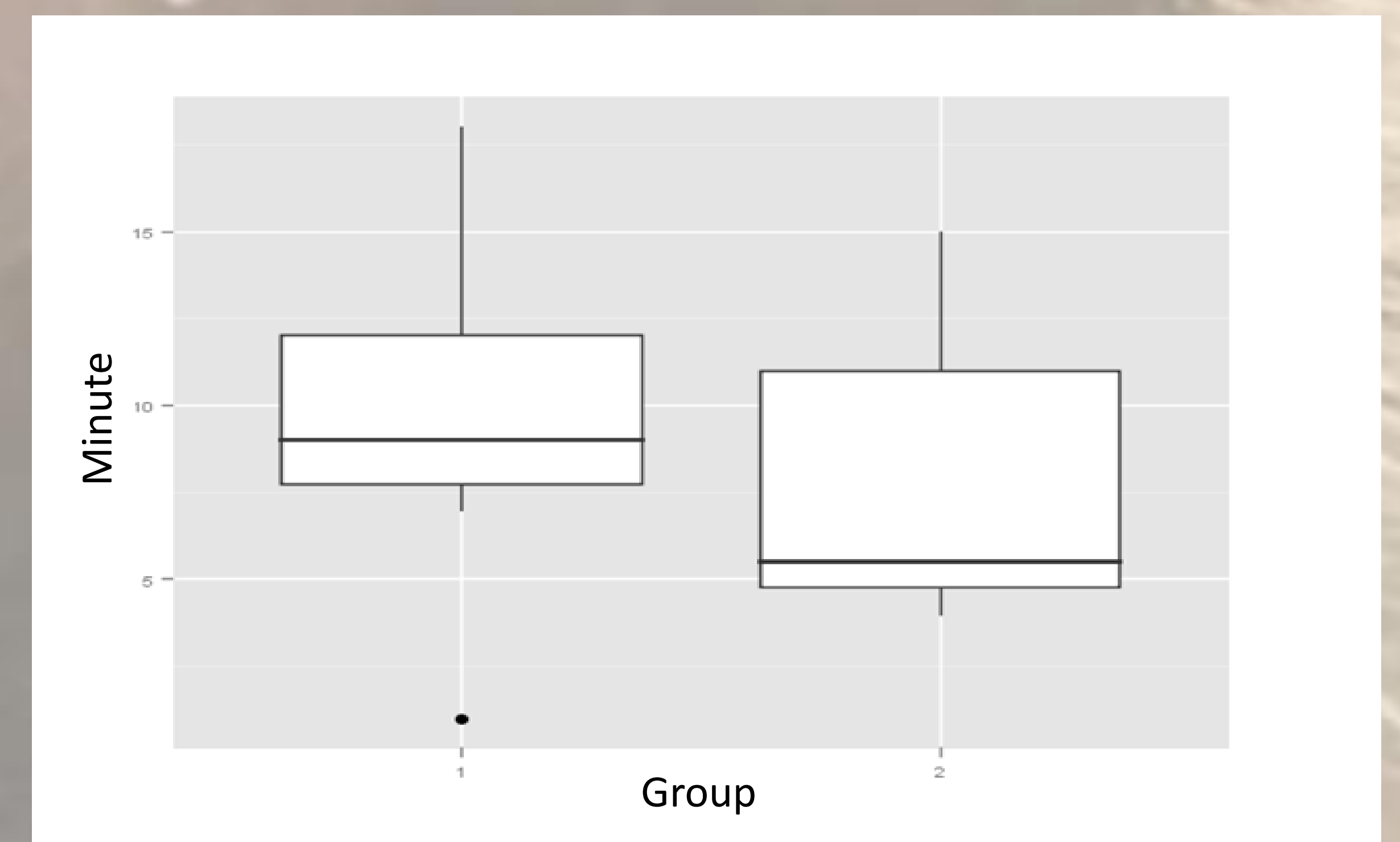
Evaluation of parameters upon completion of surgery

- > Wake up minute
- > Recovery quality
- > Heart rate
- > Respiratory rate
- > Rectal temperature
- > Anal reflex
- > Menace response

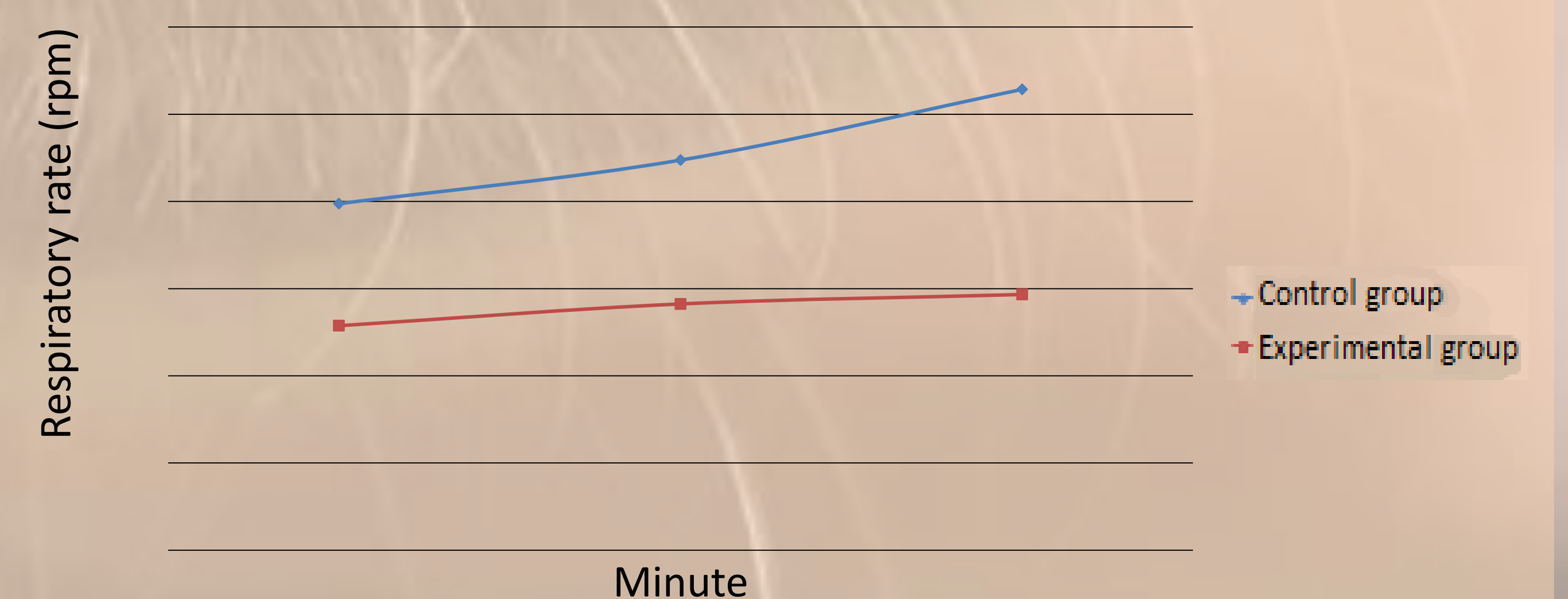


#### Results and discussion

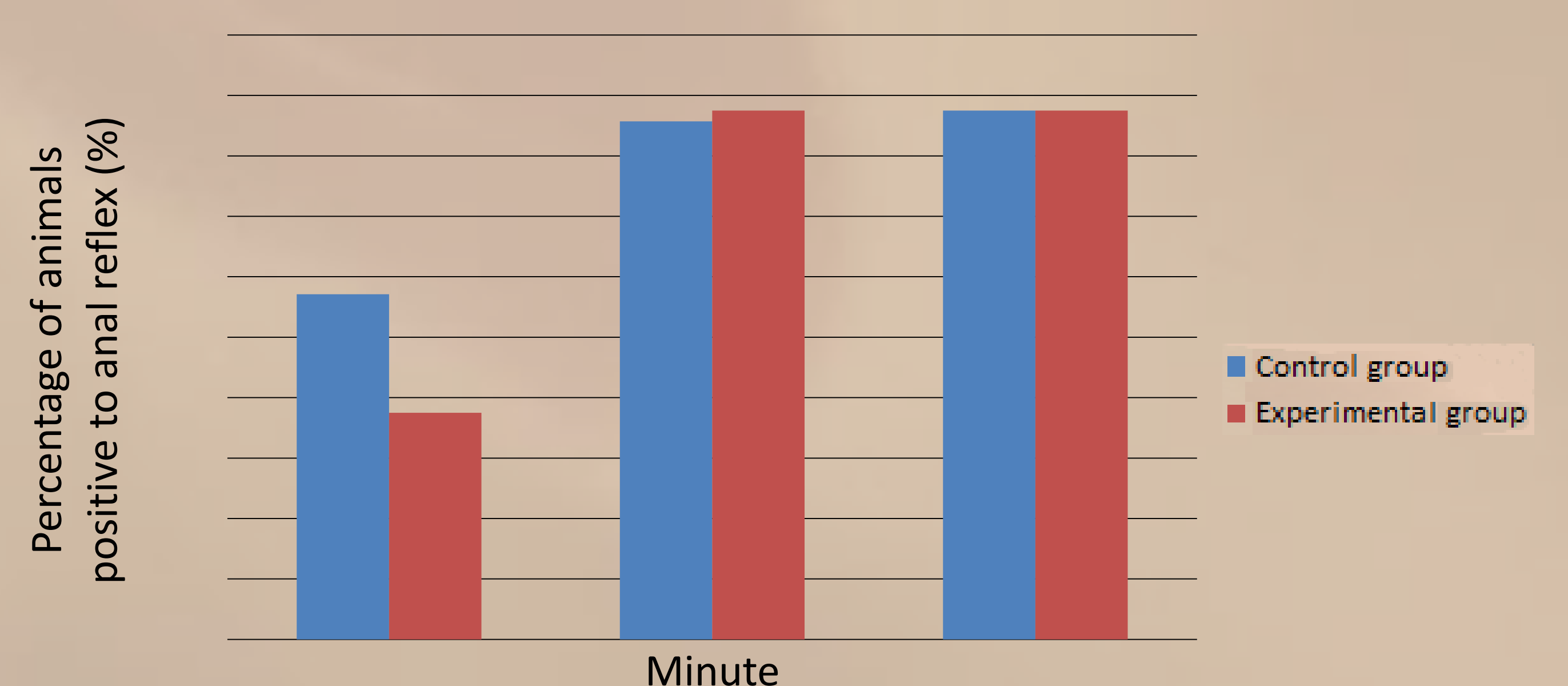
There were **no significant differences** ( $p > 0,05$ ) in any of the parameters in the two groups.



**Figure 1.** Boxplot for the wake up minute in control group (1) and experimental group (2)



**Figure 2.** Linear graph for the evolution of respiratory rate in both groups



**Figure 3.** Bar graph for the evolution of animals positive to anal reflex in both groups

#### Conclusion

Due to its limitations, this study was inconclusive as to whether acupuncture is useful in post anesthetic recovery in dogs. However, as a pilot test the study can provide valuable insights for further research.